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Product Name :
EFIS And EICAS Trainer

Product Code :
LBNY-0005-2010003



Description :

The system combines primary flight instrumentation, aircraft systems instrumentation, engine instrumentation, warnings/alerts, and navigational information, all displayed on two LCD color screens. The EFIS / EICAS Trainer is based on panel-mount LCD flight and navigation displays. There are separate PFD and MFD screens, with full-reversionary backup for redundancy. This is an advanced technology avionics suite designed to integrate pilot/aircraft interaction into one central system. The trainer has a full functional primary flight display (PFD) for attitude/directional guidance with electronic engine monitoring and detailed moving-map multifunction display (MFD) capabilities. This is a complete package that represents EFIS / EMS / EICAS displaying flight instrumentation, position, navigation, communication, and identification information to the pilot using dual 7 wide (800 x 480) flat-panel color displays.

Technical Specification :

Magnetometer:

This unit receives power directly from the AHRS and communicates with it via an RS-485 digital interface. Magnetometer measures the local magnetic field and sends data to the AHRS for processing to determine aircraft magnetic heading.

Autopilot Interface:

With the Integrated Autopilot configured, the system issues pitch and roll steering commands to the external autopilot unit. It can also communicate with various third-party external autopilot units.

Outside Air Temperature (OAT) Probe:

The Temperature Probe provides raw air temperature data.

Power: 110V AC or 220V AC at 60/50 Hz, single phase.



Laboratory Instrument India